



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Brian Darrell Hollis et al.)
For: ROLLER SWITCH)
Serial No. 09/933,416)
Filed: August 20, 2001)

Assistant Commissioner of Patents
Washington, D.C. 20231

Confirmation No. 5742
Docket No. DN2001162
Art Unit: 2878

Examiner: Sohn, Seung C

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Feb 20, 2003
(Date of Signature)

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S/a

AMENDMENT UNDER 37 C.F.R. § 1.111

Dear Sir:

In response to the Office Action mailed on December 20, 2002, please amend the
above identified patent application without prejudice as follows:

IN THE SPECIFICATION

Please replace paragraphs 003 and 005 with the following amended paragraphs.

a, [003] One method of measuring stock material is the roller switch illustrated in FIG 4. The roller switch, mounted along the side of a conveyor belt carrying the stock material, has a mounting bracket 102, a sensor bracket 104, a roller 106, and a flag arm 108. The roller 106, which extends only a partial distance across the conveyor, is related to the flag arm 108 and the related roller 106 and arm 108 pivot about a shaft 110. The flag arm 108 is formed of a lightweight material and is spring biased to maintain its position when the switch is not in operation. The side 112 of the flag arm 108 that is adjacent to a photoeye mounted within the sensor bracket 104 is covered in a reflective tape.

a2 [005] While this roller switch has been sufficient, it has not proven to be reliable for extended periods of time due to the following problems. The photoeye is triggered by reflective tape; however, the tape can quickly become dirty and thus unreliable, requiring